

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S133	1	1972-52786T.NRAN.	DERWENT	OR	ON	2007/01/19 08:53
S132	574	ultrasonic\$4 same seal\$4 same cut\$4 same separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S131	1	1985-178978.NRAN.	DERWENT	OR	ON	2007/01/19 08:53
S130	580	b65b051/22.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S129	27	"4200481"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S128	7	"5519983"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S127	13	"2695483"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S126	15	(US-20020189206-\$).did. or (US-5418022-\$ or US-4704844-\$ or US-4684025-\$ or US-3750362-\$ or US-3651615-\$ or US-5268179-\$ or US-4094119-\$ or US-5181610-\$ or US-3224915-\$ or US-6581764-\$).did. or (US-3481100-\$ or US-3749620-\$ or US-3454450-\$).did. or (JP-2003267322-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/01/19 08:53

## EAST Search History

S12 5	50	("2759830"   "2830910"   "2902371"   "3012894"   "3185372"   "3224574"   "3283422"   "3286831"   "3291377"   "3411433"   "3836064"   "3984592"   "4015085"   "4267420"   "4488642"   "4579278"   "4697732"   "4715500"   "4775771"   "4784864"   "4886179"   "4911938"   "4938608"   "4940867"   "5180894"   "5217768"   "5225287"   "5357086"   "5399366"   "5497913"   "5560945"   "5571627"   "5585027"   "5654075"   "5857564"   "5884763"   "5988882"   "RE20564").PN. OR ("6581764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S12 4	61	("3224915"   "3711353"   "3823055"   "3980516"   "4025374"   "4268346"   "4288965"   "4373982").PN. OR ("4517790").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S12 3	0	("2002/0189206").URPN.	USPAT	OR	ON	2007/01/19 08:53
S12 2	0	("2005/0227845").URPN.	USPAT	OR	ON	2007/01/19 08:53
S12 1	4	("3454450").URPN.	USPAT	OR	ON	2007/01/19 08:53
S12 0	57	("3481100").URPN.	USPAT	OR	ON	2007/01/19 08:53
S11 9	12	("3224915").URPN.	USPAT	OR	ON	2007/01/19 08:53
S11 8	43	("2898744"   "3022814"   "3036894"   "3146141"   "3156352"   "3224915"   "3306292"   "3345988"   "3355854"). PN. OR ("3651615").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S11 7	5	("684181").URPN.	USPAT	OR	ON	2007/01/19 08:53
S11 6	48	("0684181"   "1107347"   "2723936"   "2982659"   "2996238"   "3242029"   "3314211"   "3374598"   "3454450"   "3457139"   "3471005"   "3511746"   "3596828"   "3749620"   "4539793"   "4549653"   "4572753"   "4647325"   "4919272").PN. OR ("5181610").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S11 5	33	("3749620").URPN.	USPAT	OR	ON	2007/01/19 08:53
S11 4	34	("3311517"   "3673760").PN. OR ("3750362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S11 3	35	("3415702"   "3815828"   "3942634"). PN. OR ("4094119").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53

## EAST Search History

S11 2	68	("2124959"   "3069273"   "3196590"   "3283469"   "3340668"   "3363395"   "3398500"   "3467244"   "3469364"   "3478488"   "3491504"   "3492773"   "3521422"   "3545163"   "3673760"   "3750362"   "3956867"   "4058953"   "4201030"   "4211326"   "4275544"   "4338765"   "4411122"   "4424659"   "4513015"   "4541224"   "4541225"   "4545177"   "4545180"   "4548018"   "4549386"   "4549387"   "4550548"   "4567713"   "4571924").PN. OR ("4684025").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S11 1	36	("3598122"   "3598123"   "3731683"   "3734097"   "3742951"   "3797494"   "3948254"   "3996934"   "4264008"   "4284444"   "4304333"   "4460372"   "4588580"   "4597961"   "4666441"   "4667665"   "4686136"   "4725473"   "4743249"   "4784892"   "4823783"   "4911707"   "4915950"   "4917676"   "5016652"   "5077104").PN. OR ("5268179").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S11 0	26	("2796033"   "2991500"   "3039246"   "3092940"   "3245197"   "3354611"   "3533215"   "3782066").PN. OR ("4704844").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53

## EAST Search History

S10 9	109	("2145941"   "3029751"   "3031804"   "3044510"   "3114643"   "3199437"   "3407077"   "3416398"   "3434906"   "3505136"   "3615712"   "3636859"   "3819089"   "3829007"   "3830944"   "3873735"   "3895118"   "3961089"   "3971838"   "4017237"   "4055109"   "4097327"   "4115489"   "4163768"   "4216639"   "4290521"   "4358466"   "4361235"   "4373982"   "4394395"   "4421773"   "4453370"   "4500280"   "4514426"   "4517790"   "4521467"   "4534726"   "4534818"   "4574566"   "4601157"   "4605123"   "4608261"   "4616470"   "4631901"   "4651870"   "4652456"   "4663915"   "4663917"   "4685602"   "4689942"   "4693056"   "4735753"   "4751916"   "4759170"   "4759249"   "4774797"   "4784591"   "4787755"   "4796300"   "4810109"   "4849233"   "4864802"   "4865680"   "4879124"   "4890439"   "4909870"   "4923701"   "4937410"   "4950859"   "5044777"   "5058364"   "5061331"   "5067302"   "5161350"   "5181365"   "5202064"   "5222813"   "5226343"   "5228372"   "5230761"   "5342634"   "5366741"   "5391387"   "5419437"   "5435712"   "5437215"   "5552165"   "5645681"   "5694745"   "5706635"   "5827559"   "5863585"   "5914142"   "RE26543").PN. OR ("6574944"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S10 8	26	("3547257"   "4125985"   "4306656"   "4553669"   "4962856").PN. OR ("5418022").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S10 7	8	("4517790"   "4534818"   "4767492"   "5183523"   "5775055"   "5976315"   "6139479"   "6319184").PN. OR ("6786987").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S10 6	7	("20020068668"   "20030057206"   "3935810"   "5842790"   "6251203"   "6581764"   "6719678").PN. OR ("6913185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 08:53
S10 5	447	S103 and S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53

## EAST Search History

S10 4	3139	(ultrasonic\$5 or sonotrode) near3 (cutting or separating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S10 3	33087	(ultrasonic\$5 or sonotrode) near3 (welding or sealing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S10 2	29521	(ultrasonic\$5 or sonotrode) near (welding or sealing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S10 1	1785	156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$5 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S10 0	230	S99 and (ultrasonic\$5 or sonotrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S99	4611	53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S98	4611	53/450,453,477,479,553-555,559,561, 329.2-329.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S97	1	2004-132784.NRAN.	DERWENT	OR	ON	2007/01/19 08:53

## EAST Search History

S96	19	S86 and S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S95	1	2004-062277.NRAN.	DERWENT	OR	ON	2007/01/19 08:53
S94	50	S93 S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S93	45	US-6230473-\$.DID. OR US-4831809-\$. DID. OR US-4881357-\$.DID. OR US-4903460-\$.DID. OR US-4905457-\$. DID. OR US-5004356-\$.DID. OR US-5622026-\$.DID. OR US-4498274-\$. DID. OR US-4524559-\$.DID. OR US-4555895-\$.DID. OR US-5177935-\$. DID. OR US-5269119-\$.DID. OR US-5271210-\$.DID. OR US-5400569-\$. DID. OR US-5528881-\$.DID. OR US-5590509-\$.DID. OR US-5595042-\$. DID. OR US-6045919-\$.DID. OR US-6470655-\$.DID. OR US-7076930-\$. DID. OR US-4020608-\$.DID. OR US-4509314-\$.DID. OR US-4611455-\$. DID. OR US-4617782-\$.DID. OR US-4801075-\$.DID. OR US-4875329-\$. DID. OR US-5003755-\$.DID. OR US-5042230-\$.DID. OR US-5215249-\$. DID. OR US-5232148-\$.DID. OR US-5236329-\$.DID. OR US-5305580-\$. DID. OR US-5311920-\$.DID. OR US-5357731-\$.DID. OR US-5427245-\$. DID. OR US-5450975-\$.DID. OR US-5551212-\$.DID. OR US-5560377-\$. DID. OR US-5632831-\$.DID. OR US-5655682-\$.DID. OR US-5662157-\$. DID. OR US-5729957-\$.DID. OR US-5904027-\$.DID. OR US-5216404-\$. DID. OR US-4326574-\$.DID.	USPAT	OR	ON	2007/01/19 08:53
S92	5	(("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712")).PN.	US-PGPUB	OR	OFF	2007/01/19 08:53
S91	0	("2005/0227845").URPN.	USPAT	OR	ON	2007/01/19 08:53

## EAST Search History

S90	11	S80 and sonotrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S89	108	S86 S88	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S88	23	B29C065/74 .ipc. and sonotrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S87	89	S80 and ultra\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S86	104	B29C065/74 .ipc. and ultrasonic\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S85	0	("2006/0117712").URPN.	USPAT	OR	ON	2007/01/19 08:53
S84	24	S82 S81 S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S83	1	CHECHOSWKI-PAMELA\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53

## EAST Search History

S82	7	MERKEN-SCHILLER-RICHARD\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S81	23	EBERHARDT-STEFAN\$.in,as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S80	544	MARS-INCORPORATED\$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S79	49	"53"/453,559,561.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S78	2	S76 and ultrasonic\$4	USPAT	OR	ON	2007/01/19 08:53
S77	35	(ultrasonic adj welding) same (ultrasonic adj cutting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S76	4	("3651615" "3874143" "5837336" "63 26069").PN.	USPAT	OR	ON	2007/01/19 08:53
S75	88	156/580.1,580.2,73.1,73.3,73.4.ccls. and (ultrasonic\$4 with table)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S74	0	("2002/0189206").URPN.	USPAT	OR	ON	2007/01/19 08:53



## EAST Search History

S73	84	"53"/450,553-555.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S72	1116	"53"/\$.ccls. and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S71	6	(S68 S69) and ultrasonic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53
S70	50	S68 S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:53

## EAST Search History

S68	45	US-6230473-\$.DID. OR US-4831809-\$. DID. OR US-4881357-\$.DID. OR US-4903460-\$.DID. OR US-4905457-\$. DID. OR US-5004356-\$.DID. OR US-5622026-\$.DID. OR US-4498274-\$. DID. OR US-4524559-\$.DID. OR US-4555895-\$.DID. OR US-5177935-\$. DID. OR US-5269119-\$.DID. OR US-5271210-\$.DID. OR US-5400569-\$. DID. OR US-5528881-\$.DID. OR US-5590509-\$.DID. OR US-5595042-\$. DID. OR US-6045919-\$.DID. OR US-6470655-\$.DID. OR US-7076930-\$. DID. OR US-4020608-\$.DID. OR US-4509314-\$.DID. OR US-4611455-\$. DID. OR US-4617782-\$.DID. OR US-4801075-\$.DID. OR US-4875329-\$. DID. OR US-5003755-\$.DID. OR US-5042230-\$.DID. OR US-5215249-\$. DID. OR US-5232148-\$.DID. OR US-5236329-\$.DID. OR US-5305580-\$. DID. OR US-5311920-\$.DID. OR US-5357731-\$.DID. OR US-5427245-\$. DID. OR US-5450975-\$.DID. OR US-5551212-\$.DID. OR US-5560377-\$. DID. OR US-5632831-\$.DID. OR US-5655682-\$.DID. OR US-5662157-\$. DID. OR US-5729957-\$.DID. OR US-5904027-\$.DID. OR US-5216404-\$. DID. OR US-4326574-\$.DID.	USPAT	OR	ON	2007/01/19 08:53
S69	5	(("20020175090") or ("20040226267") or ("20050217218") or ("20060112665") or ("20060117712")).PN.	US-PGPUB	OR	OFF	2007/01/19 09:19

## EAST Search History

L2	106	("2647065"   "2712159"   "2748863"   "2924863"   "3073304"   "3085024"   "3307545"   "3355974"   "3457132"   "3459610"   "3562041"   "3566726"   "3575752"   "3595453"   "3655491"   "3660186"   "3683736"   "3697357"   "3718059"   "3733238"   "3756880"   "3756889"   "3844869"   "3879256"   "3927669"   "3929135"   "3939033"   "3949127"   "3966519"   "4051848"   "4081580"   "4109353"   "4132519"   "4149288"   "4151240"   "4157719"   "4272473"   "4311540"   "4319868"   "4324246"   "4326909"   "4342314"   "4400227"   "4406720"   "4414045"   "4426242"   "4430148"   "4463045"   "4500372"   "4541426"   "4554317"   "4560427"   "4591523"   "4605454"   "4657006"   "4664662"   "4670089"   "4686137"   "4690722"   "4747895"   "4758297"   "4859519"   "4867150"   "4935087"   "5006394"   "5055152"   "5061331"   "5089075"   "5223319"   "5223329"   "5269981"   "5296291"   "5336452"   "5370764"   "5549777"   "5560794"   "5567376"   "5658639"   "5665452"   "5714107"   "5733626"   "5733628"   "5735984").PN. OR ("5879494").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 11:02
L3	16	("3574039"   "3785910"   "4063990"   "4279675").PN. OR ("4461662").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 11:13
L19	0	("2006/0117712").URPN.	USPAT	OR	ON	2007/01/19 11:42